PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference NEC04P315	FOR FURTHER ACTION	See item 4 below
International application No. PCT/JP2004/018908	International filing date (day/month/year) 17 December 2004 (17.12.2004)	Priority date (daŷ/month/year) 16 February 2004 (16.02.2004)
International Patent Classification (8th See relevant information in Form P	n edition unless older edition indicated) PCT/ISA/237	
Applicant NEC CORPORATION		

		r I) is issued by the International Bureau on behalf of the
This REPORT consists of a total	of 4 sheets, including this co	over sheet.
		the International Searching Authority should be read as a reference er I) instead.
This report contains indications	relating to the following item	s:
Box No. I	Basis of the report	
Box No. II	Priority	
Box No. III	Non-establishment of opin applicability	nion with regard to novelty, inventive step and industrial
Box No. IV	Lack of unity of invention	
Box No. V		Article 35(2) with regard to novelty, inventive step or industrial explanations supporting such statement
Box No. VI	Certain documents cited	
Box No. VII	Certain defects in the inter	national application
Box No. VIII	Certain observations on the	e international application
		gnated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but er Article 23(2), before the expiration of 30 months from the priority
•		
		Date of issuance of this report 19 September 2006 (19.09.2006)
34, chemin des Colo	mbettes	Authorized officer Yoshiko Kuwahara
nile No. +41 22 338 82 70		e-mail: pt07@wipo.int
	International Searching Authorit This REPORT consists of a total In the attached sheets, any refere to the international preliminary r This report contains indications r Box No. I Box No. II Box No. IV Box No. VI Box No. VI Box No. VII Box No. VIII The International Bureau will conot, except where the applicant redate (Rule 44bis .2). The International Bureau will conot, except where the applicant redate (Rule 44bis .2).	This report contains indications relating to the following item Box No. I Box No. II Box No. III Box No. III Box No. IV Box No. IV Lack of unity of invention Box No. VI Certain documents cited Box No. VII Certain observations on th The International Bureau will communicate this report to desinot, except where the applicant makes an express request under date (Rule 44bis .2). The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Form PCT/IB/373 (January 2004)

PATENT COOPERATION TREATY

From the	IONAL SEARCHING AUT	HORITY		ANO
То:				PCT PCT
				RITTEN OPINION OF THE FIONAL SEARCHING AUTHORITY
				(PCT Rule 43bis.1)
			Date of mailing (day/month/year)	
Applicant's	or agent's file reference		FOR FURTHER	ACTION
NEC04	P315			See paragraph 2 below
	l application No. P2004/018908	International filing date 17.12.2004	· •	Priority date (day/month/year) 16.02.2004
Internationa	l Patent Classification (IPC) or	both national classification as	nd IPC	
	, ,			
Applicant				
NEC C	ORPORATION			• .
1. Th	uis opinion contains indications	relating to the following item	ıs:	
	7	f the opinion		
	Box No. II Priority	•		
	Box No. III Non-est	ablishment of opinion with re	gard to novelty, inven	tive step and industrial applicability
	Box No. IV Lack of	unity of invention		
		ed statement under Rule 43bis bility; citations and explanation		novelty, inventive step or industrial tement
	Box No. VI Certain	documents cited		
	Box No. VII Certain	defects in the international ap	plication	
	Box No. VIII Certain	observations on the internation	onal application	
If Int tha	ernational Preliminary Examin	ing Authority ("IPEA") excepthe chosen IPEA has notified	pt that this does not ap If the International Bur	ill be considered to be a written opinion of the ply where the applicant chooses an Authority other reau under Rule 66.1 bis(b) that written opinions of
wr		propriate, with amendments,	before the expiration	A, the applicant is invited to submit to the IPEA a n of 3 months from the date of mailing of Form expires later.
Fo	r further options, see Form PC	Г/ISA/220.		
3. Fo	r further details, see notes to Fo	orm PCT/ISA/220.		
Name and m	ailing address of the ISA/JP		Authorized officer	
	-			
Facsimile No	o.		Telephone No.	

International application No.
PCT/JP2004/018908

Bo	x No. I		Basis of this opinion
1.			rd to the language, this opinion has been established on the basis of the international application in the language in which it was so therwise indicated under this item.
		This	opinion has been established on the basis of a translation from the original language into the following language
			, which is the language of a translation furnished for the purposes of international search (under
		Rule	e 12.3 and 23.1(b)).
2.			rd to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed this opinion has been established on the basis of:
	a.	type	of material
			a sequence listing
			table(s) related to the sequence listing
	b.	form	nat of material
		П	in written format
		$\overline{\Box}$	in computer readable form
	c.	time	of filing/furnishing
			contained in the international application as filed.
		\exists	filed together with the international application in computer readable form.
		\exists	furnished subsequently to this Authority for the purposes of search.
		ш	
3.		furni	ddition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or ished, the required statements that the information in the subsequent or additional copies is identical to that in the application as or does not go beyond the application as filed, as appropriate, were furnished.
4.	Add	itional	comments:
		•	
			·
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International application No.
PCT/JP2004/018908

Вох		nt under Rule 43bis.1(a)(l) with regard to novelty, inventive step or indunations supporting such statement	ıstrial applicability;
1.	Statement		
	Novelty (N)	Claims 1-6	
	Inventive step (IS)	Claims 1-6	
	Industrial applicability (IA)	Claims 1-6 Claims	YE
-	Document 2: JP 2003- Document 3: JP 2002- Document 4: JP 2002- Document 5: JP 2002- Document 6: JP 2002- (Remarks) The inventions	22809 A (NEC Corp.), 24 January 2003, Full text 242980 A (NEC Corp.), 29 August 2003, Full text 304996 A (NEC Corp.), 18 October 2002, Full text 117854 A (NEC Corp.), 19 April 2002, Full text 117855 A (NEC Corp.), 19 April 2002, Full text 170568 A (NEC Corp.), 14 June 2002, Full text of claims 1-6 are neither described in any of the da a person skilled in the art.	t

PATENT COOPERATION TREATY

From the	ONAL SEARCHING AUTHOR	RITY		MANG
То:				PCT PCT
				RITTEN OPINION OF THE IONAL SEARCHING AUTHORITY
				(PCT Rule 43bis.1)
	· ·		Date of mailing (day/month/year)	· · · · · · · · · · · · · · · · · · ·
Applicant's or NEC04E	agent's file reference		FOR FURTHER	ACTION See paragraph 2 below
International a	pplication No. 22004/018908	International filing date (day/month/year	Priority date (day/month/year) 16.02.2004
International I	Patent Classification (IPC) or both	n national classification an	d IPC	
Applicant NEC CC	PRPORATION			
1. This	opinion contains indications rela	ting to the following items	s:	
🛛	Box No. I Basis of the	opinion		
	Box No. II Priority			
	Box No. III Non-establi:	shment of opinion with re	gard to novelty, invent	ive step and industrial applicability
· 🗆	Box No. IV Lack of unit	y of invention.		
		atement under Rule 43bis, citations and explanation		novelty, inventive step or industrial ement
	Box No. VI Certain doct	uments cited		
	Box No. VII Certain defe	ects in the international app	plication	
	Box No. VIII Certain obse	ervations on the internation	nal application	
If a Inter than this If th writt PCT	national Preliminary Examining this one to be the IPEA and the International Searching Authority is opinion is, as provided above,	Authority ("IPEA") except chosen IPEA has notified will not be so considered considered to be a writtentate, with amendments, of 22 months from the price of the	t that this does not app the International Burd n opinion of the IPEA before the expiration	I be considered to be a written opinion of the oly where the applicant chooses an Authority other eau under Rule 66.1bis(b) that written opinions of a, the applicant is invited to submit to the IPEA a of 3 months from the date of mailing of Form expires later.
3. For t	further details, see notes to Form	PCT/ISA/220.	•	
Nama and mai	ling address of the ISA/ID		Authorized officer	
Ivanic and mai	ling address of the ISA/JP		Addionized officer	
Facsimile No.		· · · · · · · · · · · · · · · · · · ·	Telephone No.	

International application No. PCT/JP2004/018908

Box	k No. I	Basis of this opinion	
1.	With	h regard to the language, this opinion has been established on the basis of the international application in the language in which it w I, unless otherwise indicated under this item.	as
		This opinion has been established on the basis of a translation from the original language into the following language	_
	-	which is the language of a translation furnished for the purposes of international search (und-	a
2.		n regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claim ntion, this opinion has been established on the basis of:	ed
	a.	type of material	
		a sequence listing	
		table(s) related to the sequence listing	
	b.	format of material	
		in written format	
		in computer readable form	
	c.	time of filing/furnishing	
		contained in the international application as filed.	
		filed together with the international application in computer readable form.	
		furnished subsequently to this Authority for the purposes of search.	
	_		
3.		In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application filed or does not go beyond the application as filed, as appropriate, were furnished.	
4.	Addi	tional comments:	
		•	

International application No.
PCT/JP2004/018908

citations and expi	nt under Rule 43bis anations supporting	.1(a)(i) with regard to novelty, inv such statement	entive step or industrial applicability	y;
Statement	and a properting			
Novelty (N)	Claims 1-6			YE
•				— NO
	*	·		
Inventive step (IS)				
	Claims			NO
Industrial applicability (IA)	Claims 1-6		·	YE.
Document 2: JP 2003- Document 3: JP 2002- Document 4: JP 2002- Document 5: JP 2002-	22809 A (NE) 242980 A (NI 304996 A (NI 117854 A (NI 117855 A (NI	C Corp.), 24 January 20 EC Corp.), 29 August 20 EC Corp.), 18 October 2 EC Corp.), 19 April 200 EC Corp.), 19 April 200 EC Corp.), 14 June 2002	003, Full text 002, Full text 2, Full text 2, Full text	
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